

WHAT IS CLAIMED IS:

1. A vehicle door operating apparatus operated for opening a vehicle door, comprising:
  - 5 an opening operation member provided at the vehicle door outside of a compartment and operated for rotating a latch mechanism of the vehicle door relative to a vehicle body from an engaging condition to a disengaging condition;
  - 10 a vehicle door lock apparatus provided inside of the compartment relative to the opening operation member of the vehicle door and having an unlocked condition that the latch mechanism is rotatable and a locked condition that the latch mechanism is not rotatable based on at least an operation of the opening operation member;
  - 15 an input member provided at the vehicle door lock apparatus for receiving an operating force from the opening operation member provided inside of the compartment; and
  - 20 a cable provided for transmitting the operating force from the opening operation member to the input member.
- 25 2. A vehicle door operating apparatus according to claim 1, wherein the vehicle door lock apparatus includes an inner cover covering inside of the compartment thereof, and the input member is provided at the inner cover.
- 30 3. A vehicle door operating apparatus according to claim 1, wherein the opening operation member includes an inner member fixed to an inner surface of an outer panel of the vehicle door and an outer member provided at an outer surface of the outer panel of the vehicle door and supported by the inner member, and the vehicle door lock apparatus includes a supporting member for supporting the inner member engageably and disengageably.

4. A vehicle door operating apparatus according to claim 1, wherein the cable extends from the opening operation member in vertical direction, curves at a middle portion thereof and further extends in vertical direction toward the vehicle door lock apparatus upon being assembled within the vehicle door.

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5. A vehicle door operating apparatus according to claim 1, wherein a protecting member provided at the cable for engaging with the inner surface of the outer panel of the vehicle door.

10 6. A vehicle door operating apparatus according to claim 1, wherein a wire harness supported with the cable for electrically connecting the opening operation member side and the vehicle door lock apparatus side.

15 7. A vehicle door operating apparatus according to claim 1, wherein the inside of the compartment means the inside relative to a first shaft rotatably supporting the latch mechanism, and the outside of the compartment means the inside relative to the first shaft.

20 8. A vehicle door operating apparatus according to claim 4, wherein the cable forms approximately a U-shape form from in cross-sectional view including the two vertical portions extending from the opening operation member and the vehicle door lock apparatus and the curved portion extending in thickness direction of the vehicle upon being assembled within the vehicle door.

25 9. A vehicle door operating apparatus according to claim 3, wherein the operation force is generated due to a pivotally movement of the outer member in outward direction and transmits to the input member through the cable for rotating the latch mechanism.

30 10. A vehicle door operating apparatus according to claim 1, wherein the input member is a lever-type member rotatably supported by a second shaft

extending in approximately the thickness direction of the vehicle door and rotated inside of the compartment relative to the first shaft.